

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032841.D
 Acq On : 16 Nov 2022 03:29
 Operator : JC/MD
 Sample : N5640-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-3

Quant Time: Nov 16 05:11:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

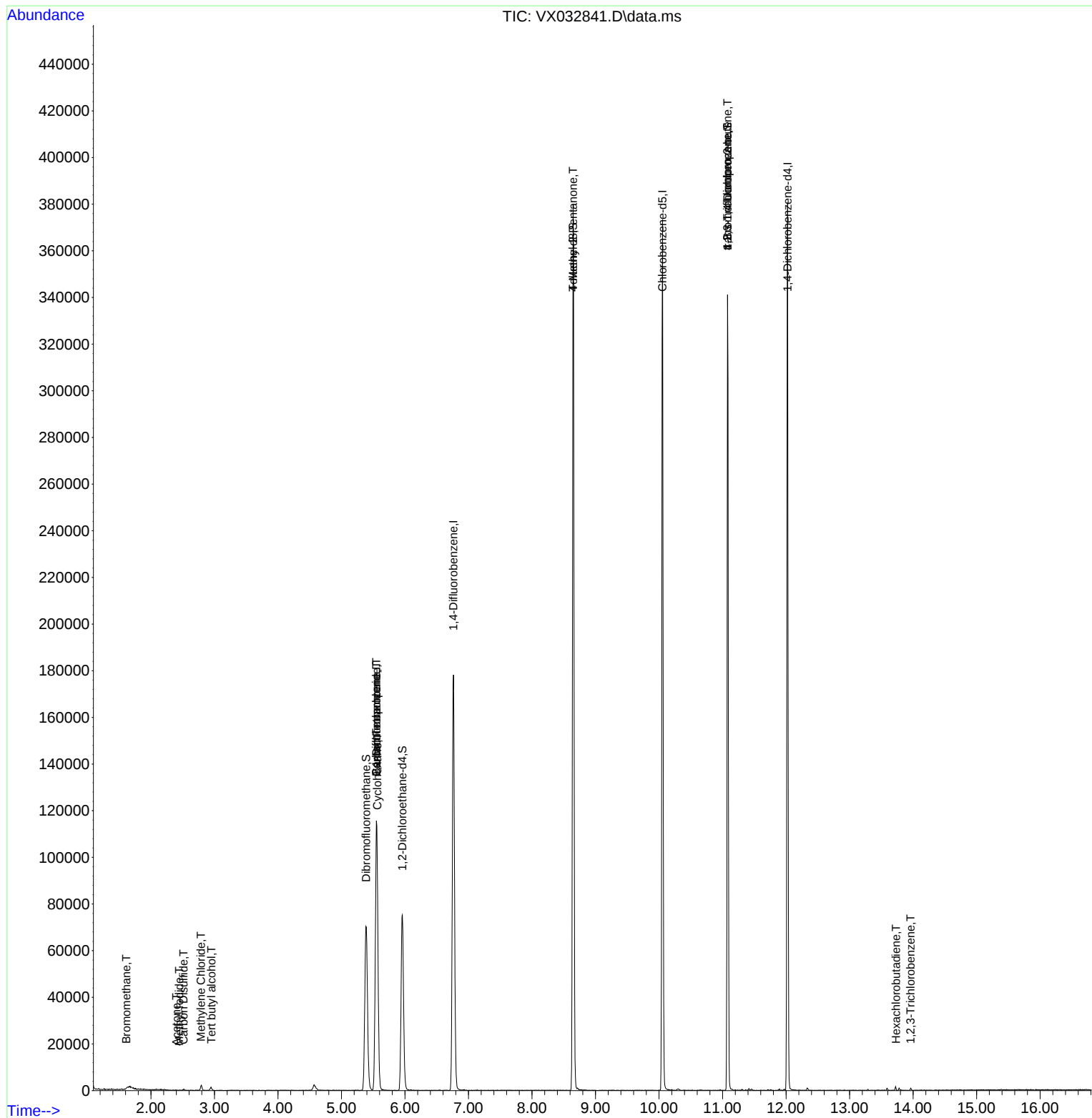
Internal Standards						
1) Pentafluorobenzene	5.550	168	109791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77263	50.647	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.300%
35) Dibromofluoromethane	5.385	113	62498	48.446	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	8.647	98	225633	50.299	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.600%
62) 4-Bromofluorobenzene	11.079	95	85389	48.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	271	0.288	ug/l #	37
10) Methyl Iodide	2.447	142	142	2.020	ug/l #	37
11) Tert butyl alcohol	2.953	59	694	3.126	ug/l #	72
16) Acetone	2.398	43	209	0.377	ug/l #	45
17) Carbon Disulfide	2.514	76	576	0.220	ug/l #	74
20) Methylene Chloride	2.788	84	1084	0.853	ug/l #	93
31) Cyclohexane	5.562	56	2374	1.283	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	8502	4.733	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11195	5.619	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	929	0.514	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46933	27.486	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46933	87.462	ug/l #	6
94) Hexachlorobutadiene	13.731	225	302	0.400	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	382	0.208	ug/l	91

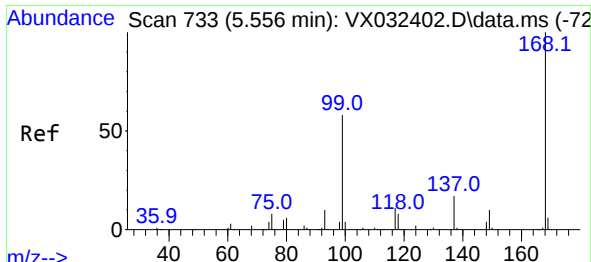
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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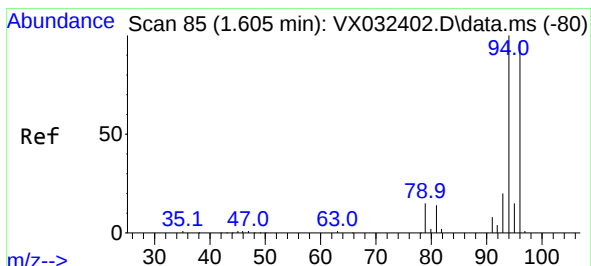
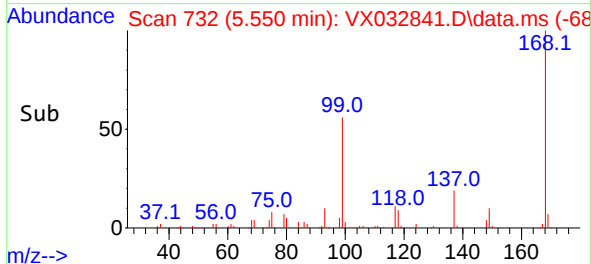
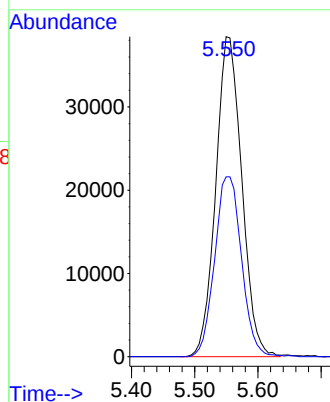
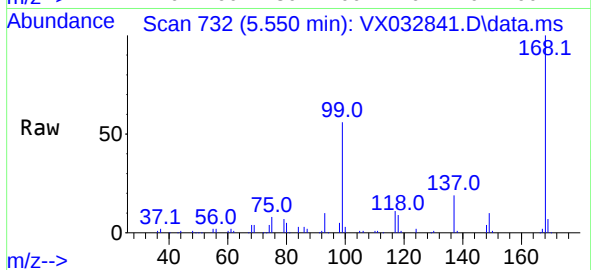




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

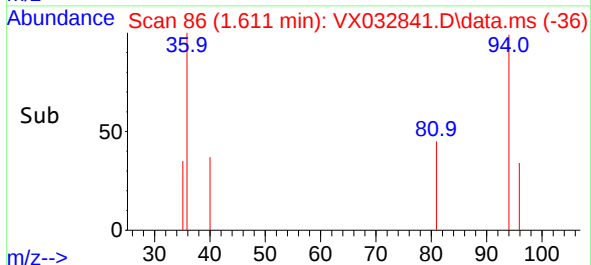
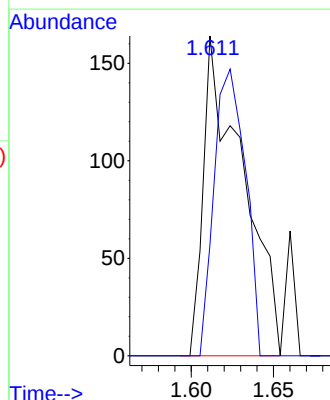
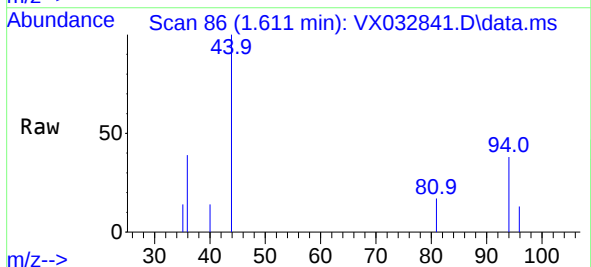
Instrument :
MSVOA_X
ClientSampleId :
RW-3

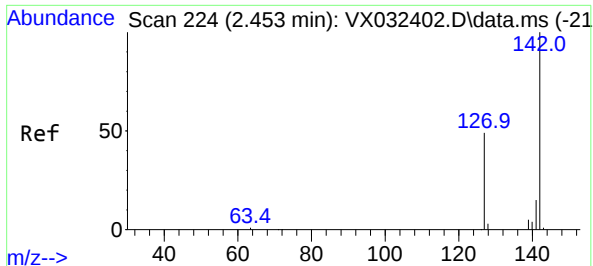
Tgt Ion:168 Resp: 109791
Ion Ratio Lower Upper
168 100
99 56.2 46.1 69.1



#5
Bromomethane
Concen: 0.288 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

Tgt Ion: 94 Resp: 271
Ion Ratio Lower Upper
94 100
96 34.8 77.6 116.4#

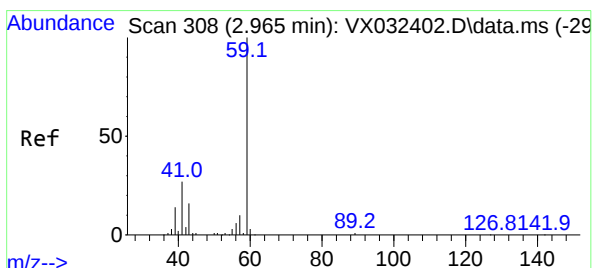
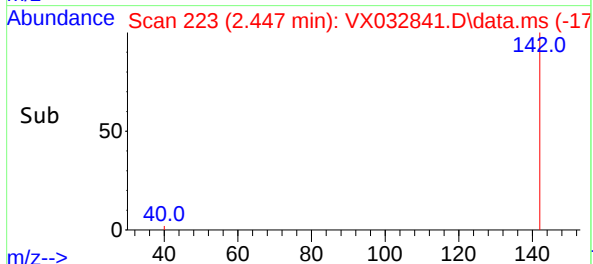
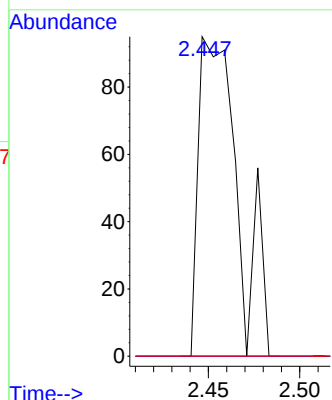
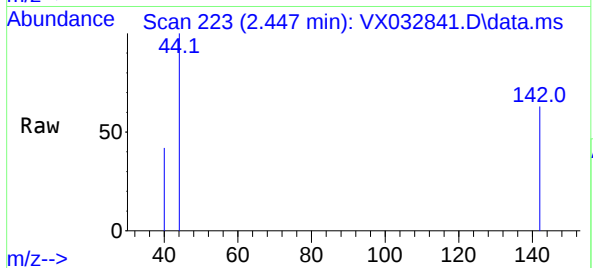




#10
Methyl Iodide
Concen: 2.020 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

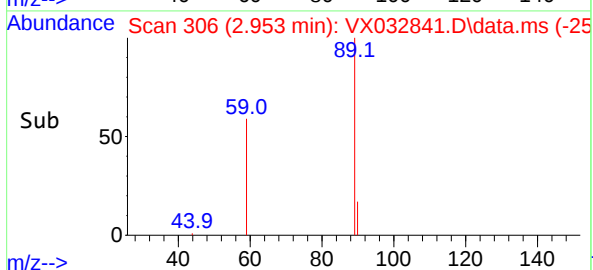
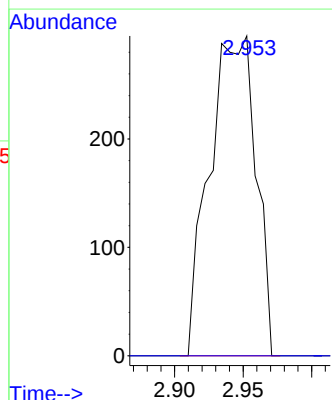
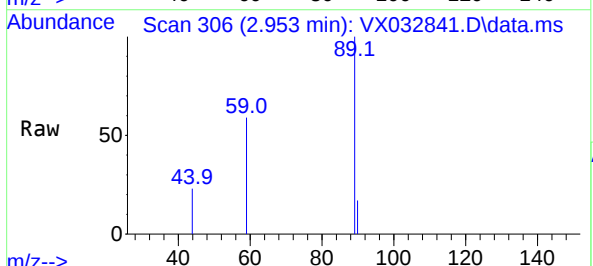
Instrument :
MSVOA_X
ClientSampleId :
RW-3

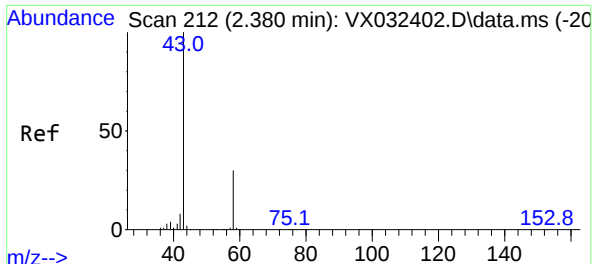
Tgt Ion:	142	Resp:	142
Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.6	57.8#
141	0.0	11.4	17.2#



#11
Tert butyl alcohol
Concen: 3.126 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

Tgt Ion:	59	Resp:	694
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

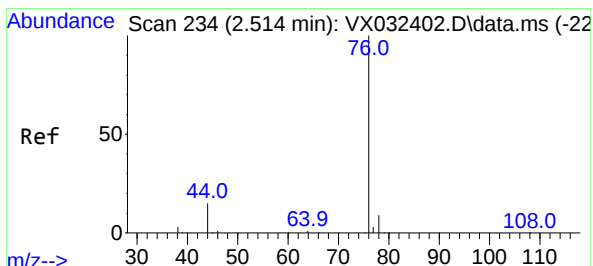
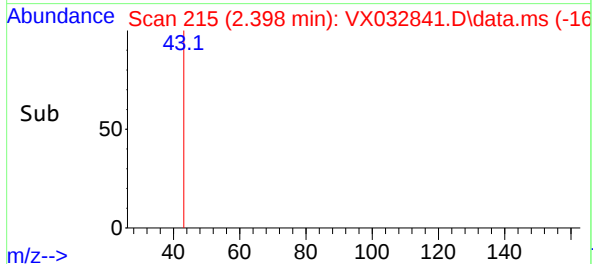
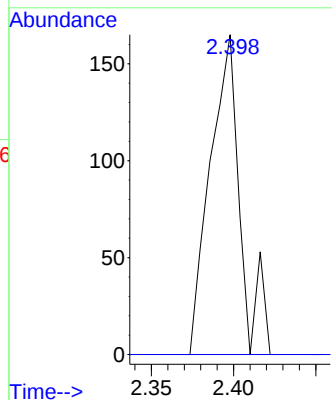
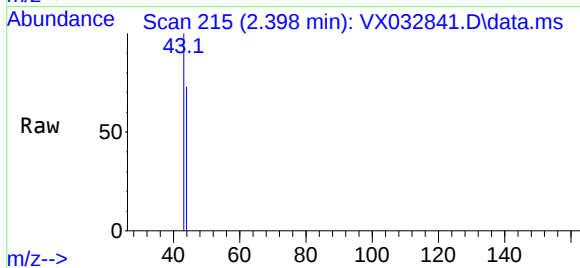




#16
Acetone
Concen: 0.377 ug/l
RT: 2.398 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

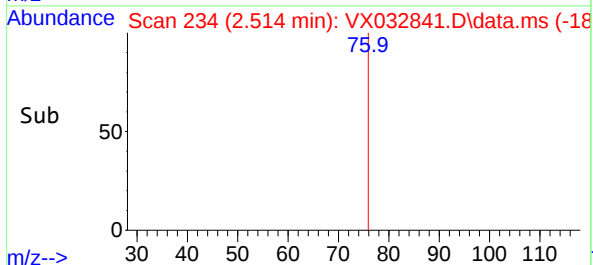
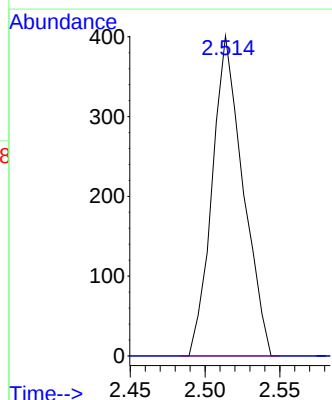
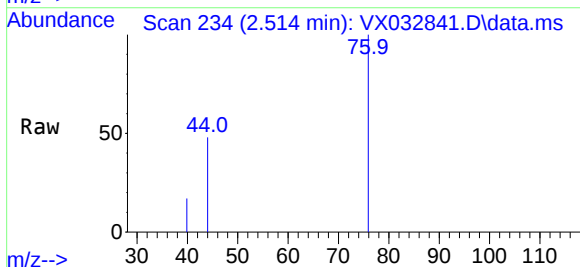
Instrument :
MSVOA_X
ClientSampleId :
RW-3

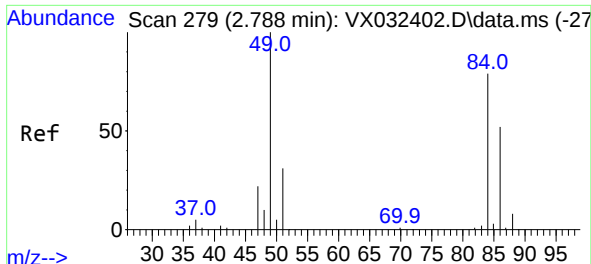
Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

Tgt Ion: 76 Resp: 576
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

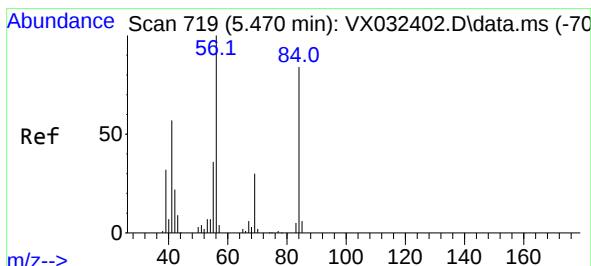
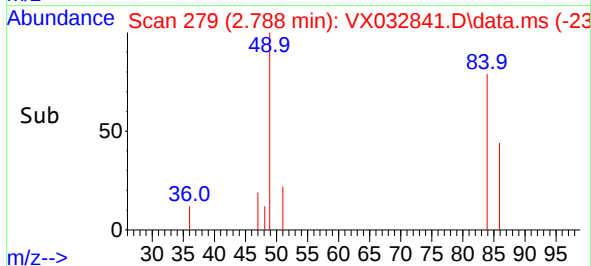
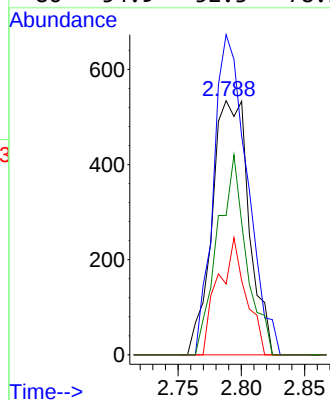
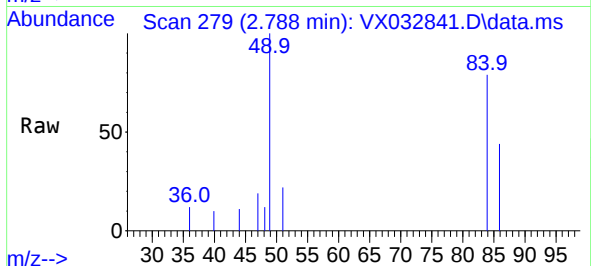




#20
Methylene Chloride
Concen: 0.853 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

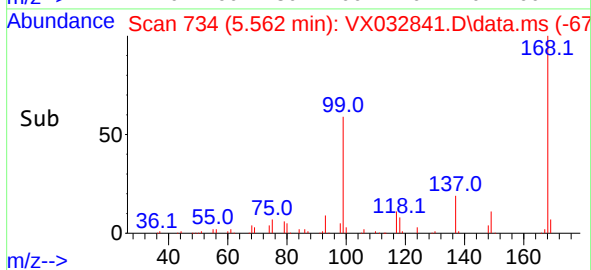
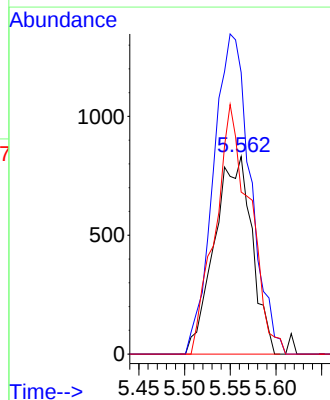
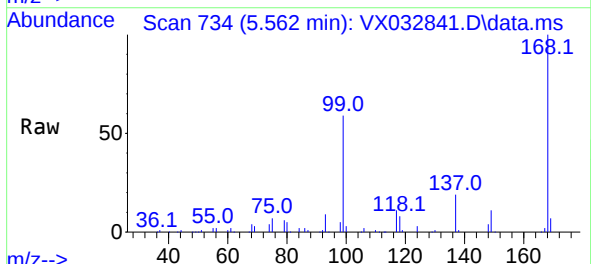
Instrument :
MSVOA_X
ClientSampleId :
RW-3

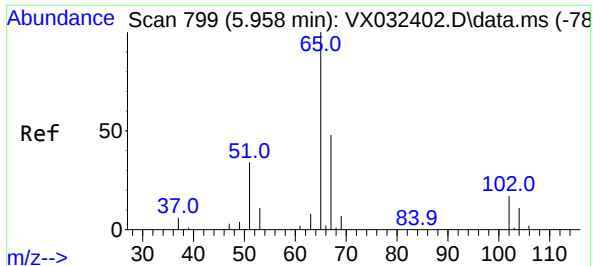
Tgt Ion:	84	Resp:	1084
Ion	Ratio	Lower	Upper
84	100		
49	126.0	101.0	151.6
51	27.9	31.1	46.7#
86	54.9	52.3	78.5



#31
Cyclohexane
Concen: 1.283 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

Tgt Ion:	56	Resp:	2374
Ion	Ratio	Lower	Upper
56	100		
69	142.6	24.1	36.1#
84	82.1	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 50.647 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032841.D

Acq: 16 Nov 2022 03:29

Instrument :

MSVOA_X

ClientSampleId :

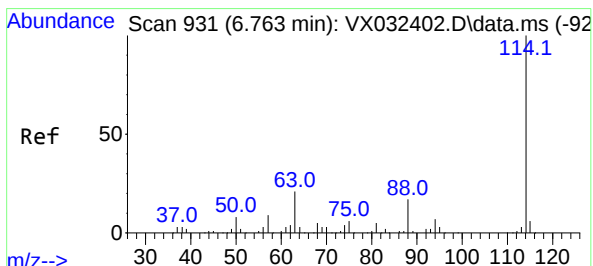
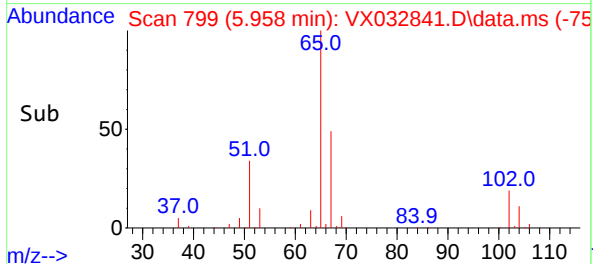
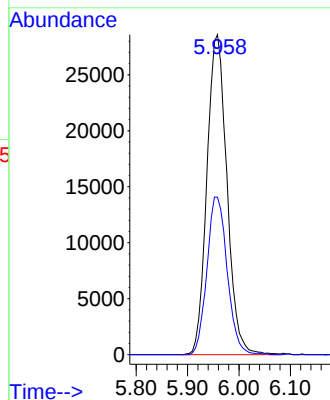
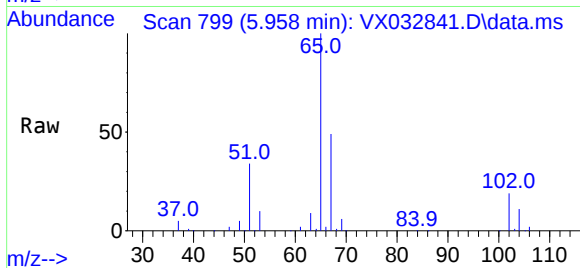
RW-3

Tgt Ion: 65 Resp: 77263

Ion Ratio Lower Upper

65 100

67 50.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032841.D

Acq: 16 Nov 2022 03:29

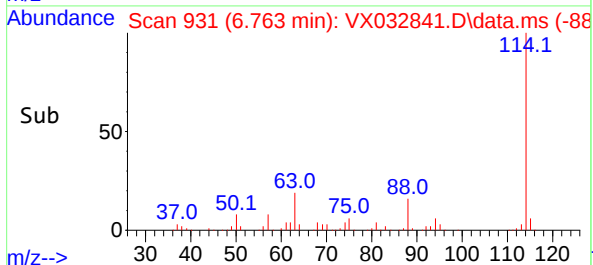
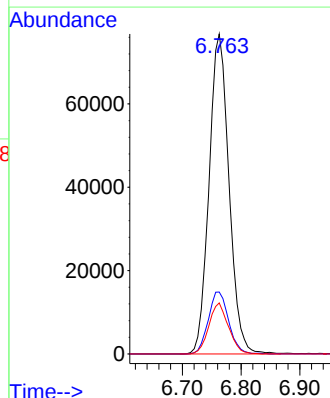
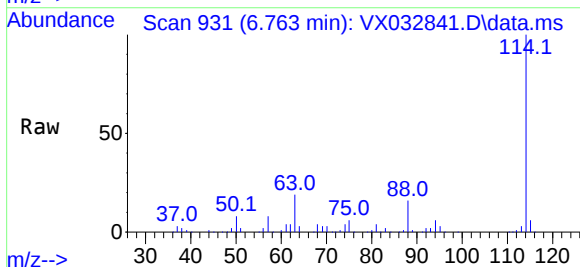
Tgt Ion: 114 Resp: 180855

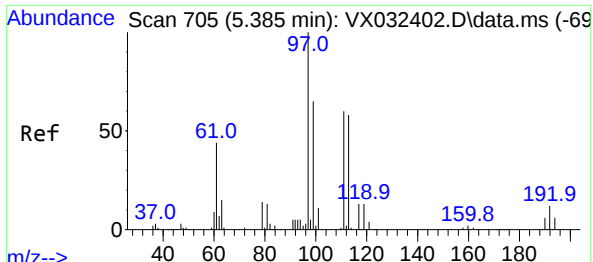
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

88 16.0 0.0 33.4

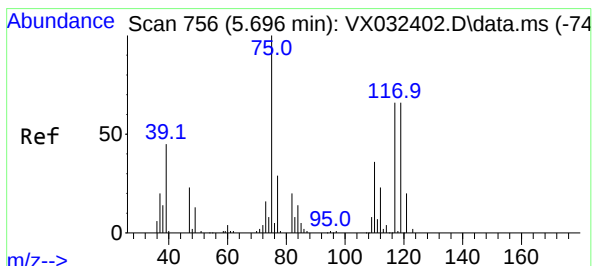
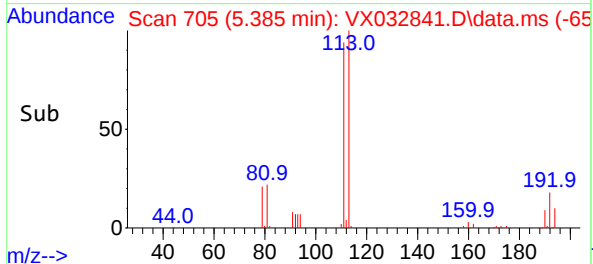
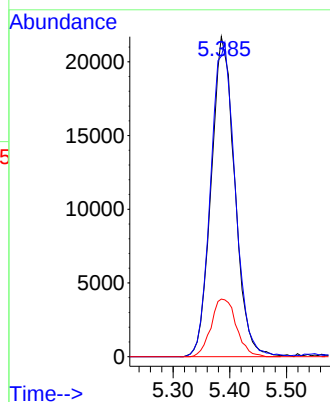
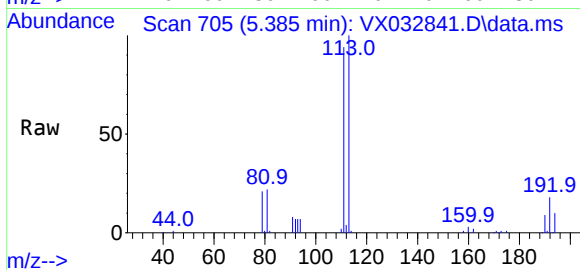




#35
Dibromofluoromethane
Concen: 48.446 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

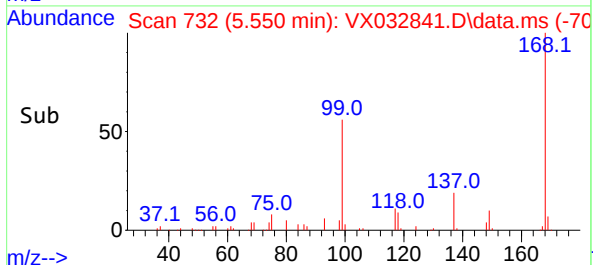
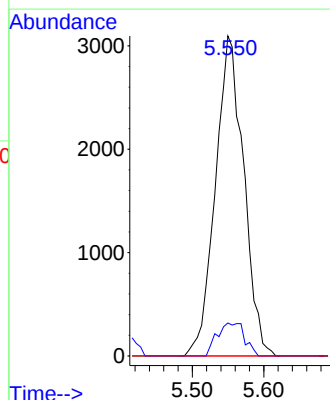
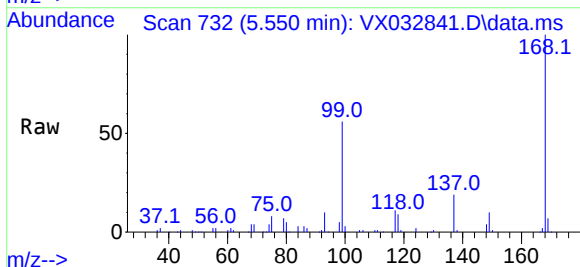
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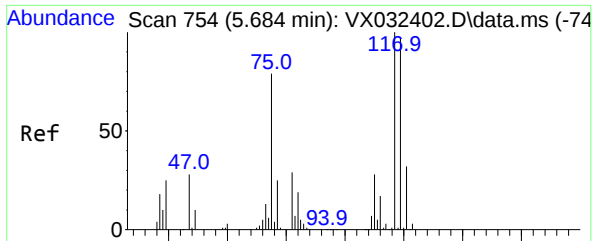
Tgt Ion:	113	Resp:	62498
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	19.3	15.4	23.2



#36
1,1-Dichloropropene
Concen: 4.733 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

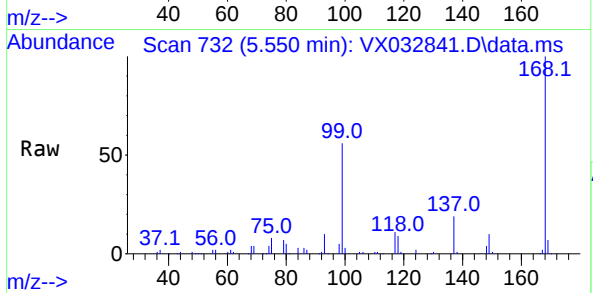
Tgt Ion:	75	Resp:	8502
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.4	55.2#
77	0.0	24.5	36.7#



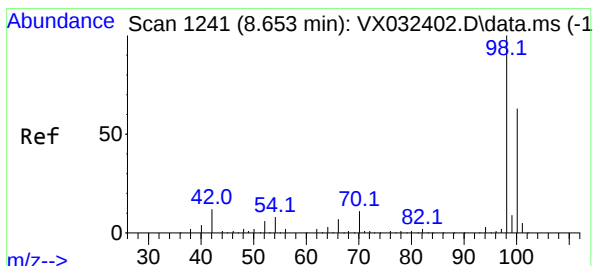
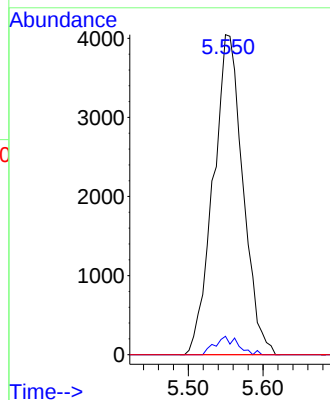
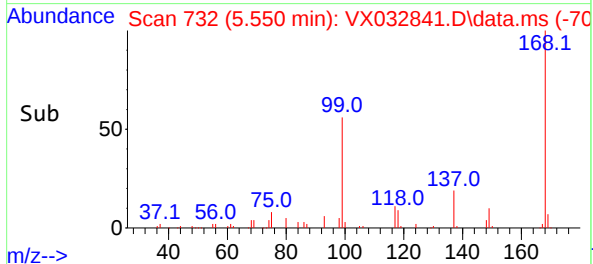


#38
Carbon Tetrachloride
Concen: 5.619 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

Instrument :
MSVOA_X
ClientSampleId :
RW-3

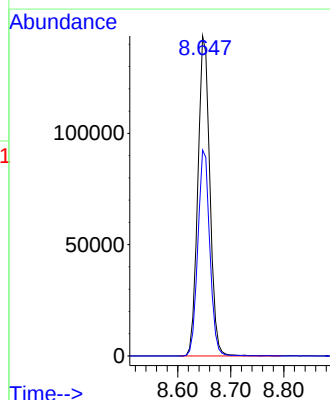
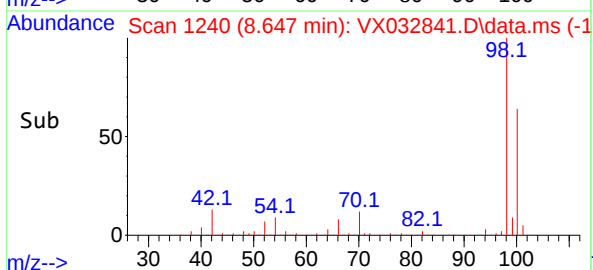
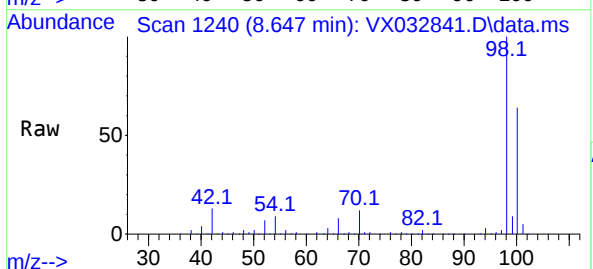


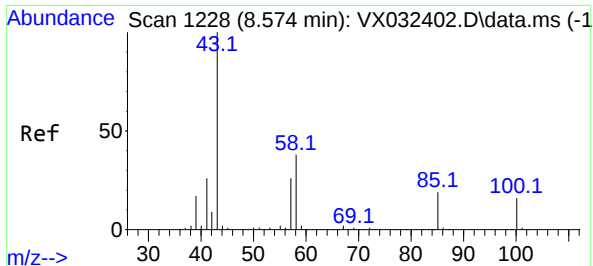
Tgt Ion:117 Resp: 11195
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.299 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

Tgt Ion: 98 Resp: 225633
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.514 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032841.D

Acq: 16 Nov 2022 03:29

Instrument :

MSVOA_X

ClientSampleId :

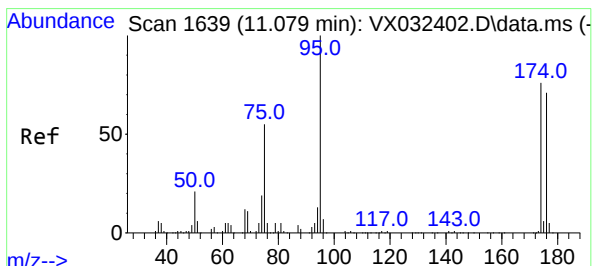
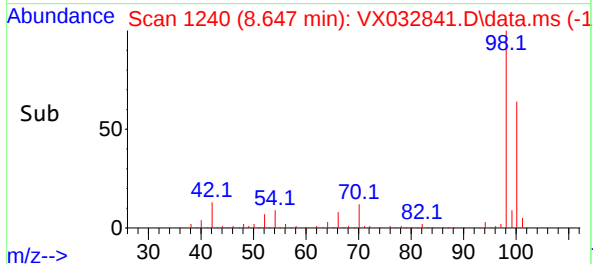
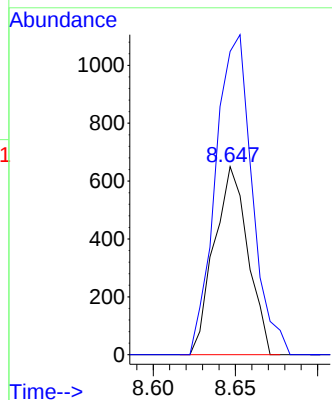
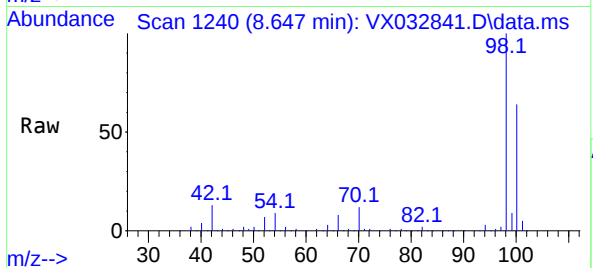
RW-3

Tgt Ion: 43 Resp: 929

Ion Ratio Lower Upper

43 100

58 184.1 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 48.731 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032841.D

Acq: 16 Nov 2022 03:29

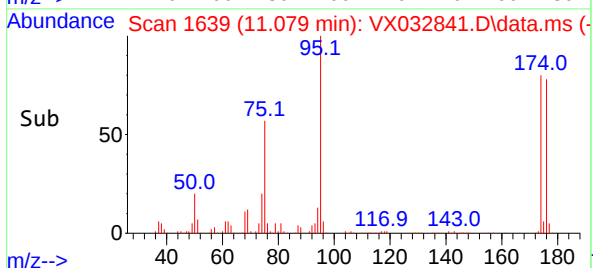
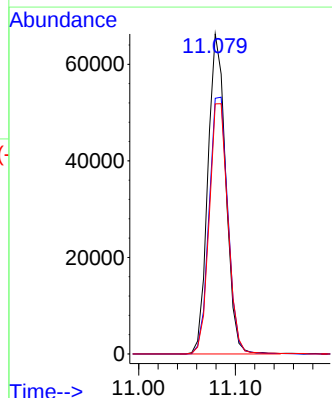
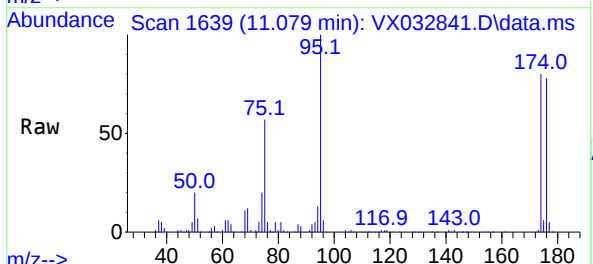
Tgt Ion: 95 Resp: 85389

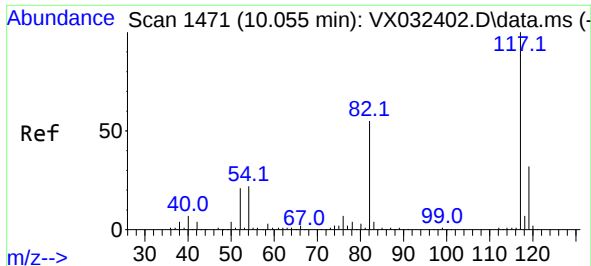
Ion Ratio Lower Upper

95 100

174 84.2 0.0 164.0

176 81.7 0.0 154.4

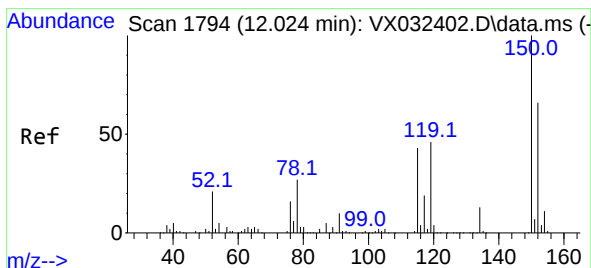
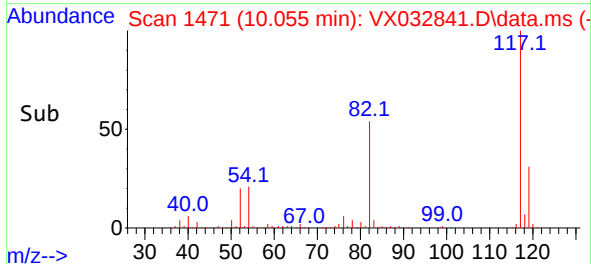
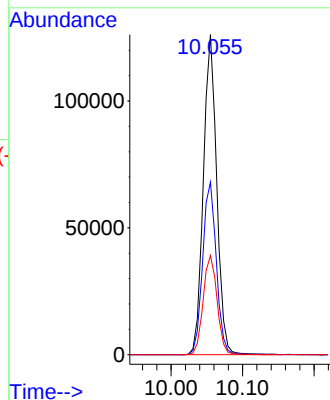
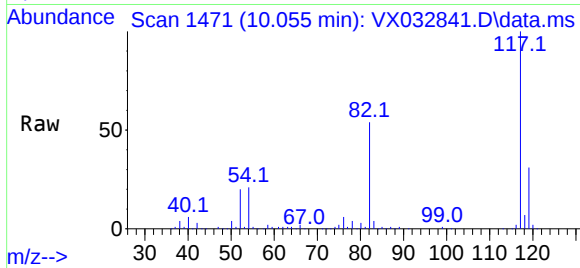




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

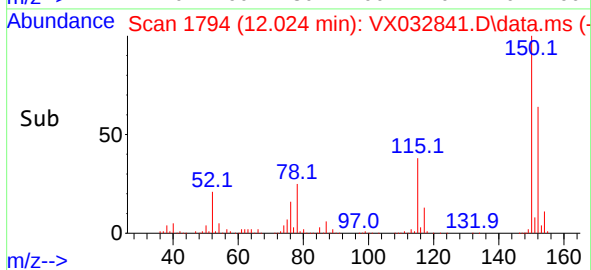
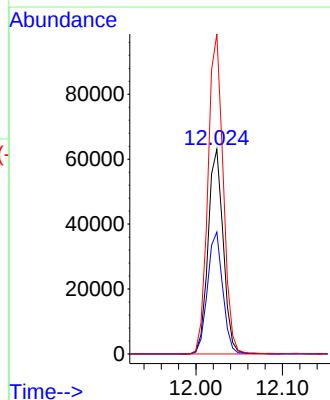
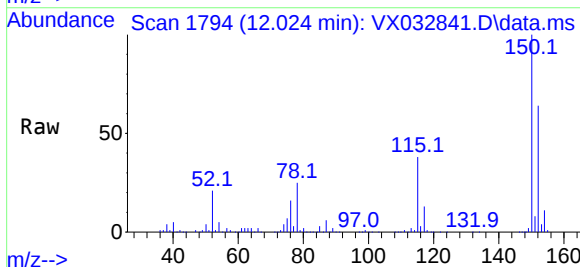
Instrument :
MSVOA_X
ClientSampleId :
RW-3

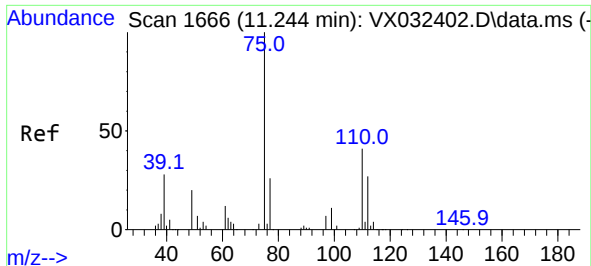
Tgt Ion:117 Resp: 163820
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

Tgt Ion:152 Resp: 76750
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 157.2 0.0 351.8

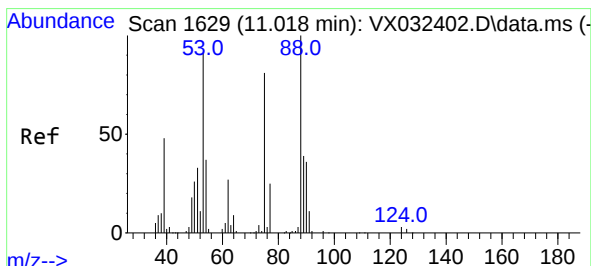
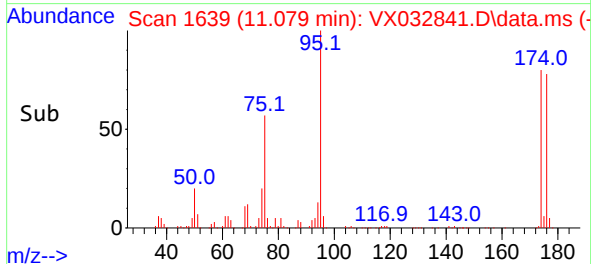
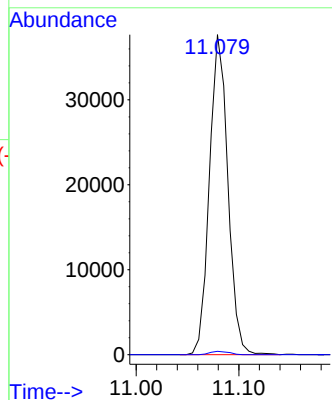
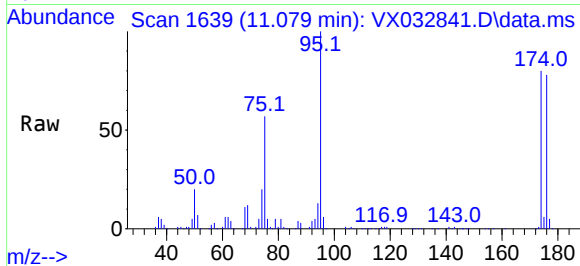




#76
1,2,3-Trichloropropane
Concen: 27.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

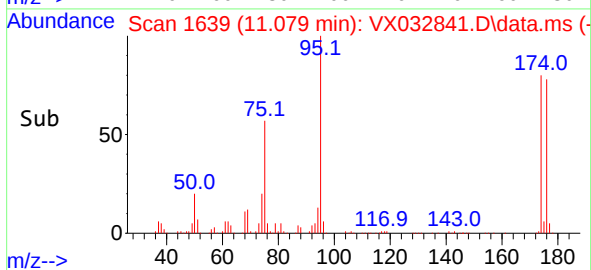
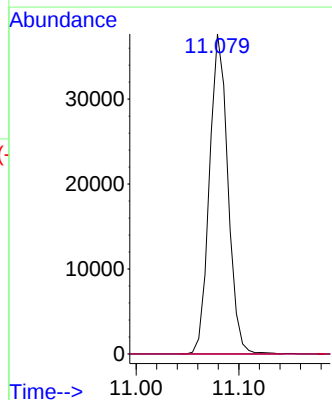
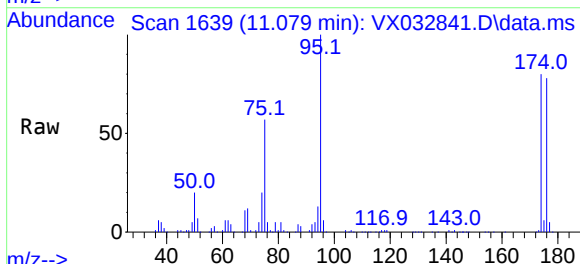
Instrument :
MSVOA_X
ClientSampleId :
RW-3

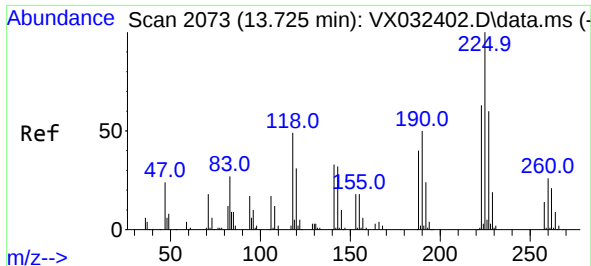
Tgt Ion: 75 Resp: 46933
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

Tgt Ion: 75 Resp: 46933
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

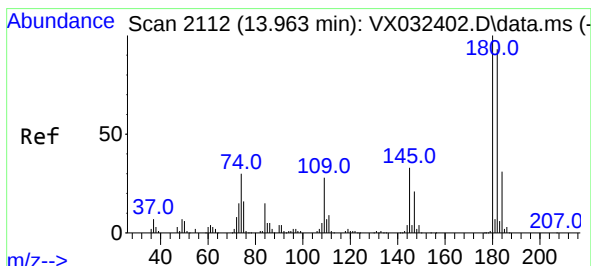
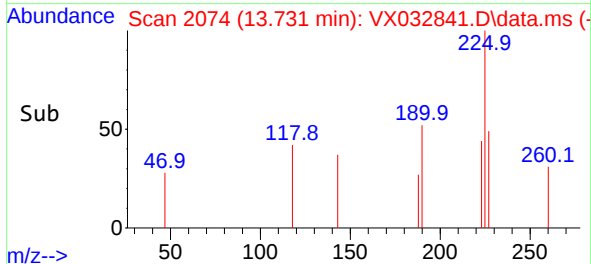
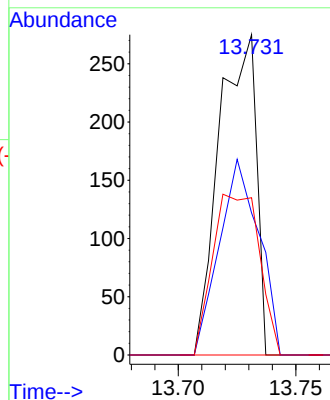
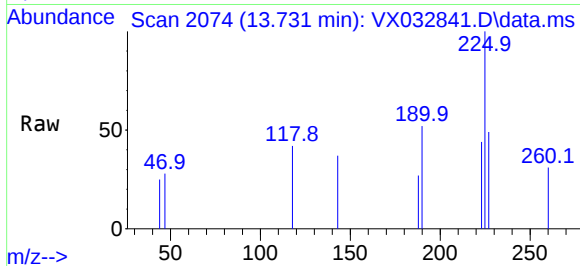




#94
Hexachlorobutadiene
Concen: 0.400 ug/l
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

Instrument :
MSVOA_X
ClientSampleId :
RW-3

Tgt Ion:225 Resp: 302
Ion Ratio Lower Upper
225 100
223 65.2 31.9 95.9
227 63.2 31.9 95.5



#96
1,2,3-Trichlorobenzene
Concen: 0.208 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032841.D
Acq: 16 Nov 2022 03:29

Tgt Ion:180 Resp: 382
Ion Ratio Lower Upper
180 100
182 86.6 47.5 142.6
145 28.0 16.9 50.6

